EB-Z9870U

DATASHEET

The white EB-Z9870U is an impressive and versatile installation projector, featuring 8,700 lumens brightness and WUXGA resolution. Able to project portrait aspect images for digital signage, the EB-Z9870U has a flexible installation angle, lens shift for off-centre positioning and plenty of calibration options, with optional Wi-Fi and HDBaseT connectivity.

Clear images and 3LCD technology

At 8,700 lumens the EB-Z9870U is bright and boasts a WUXGA resolution. This projector benefits from Epson's 3LCD technology, which ensures high-quality images with equally high White and Colour Light Output for vivid colours and bright images, even in daylight, and three times brighter colours than competitive projectors[1].

Perfect for large venues

Museums, auditoriums and corporate environments can benefit from the EB-Z9870U's large projected image, ideal for making a big impact.

Portrait projection

Able to project portrait aspect images, the EB-Z9870U is ideal for digital signage. Welcome to a whole new way of seeing things; portrait mode is also useful when a venue or event, such a fashion show, doesn't lend itself to landscape projection.

Easy set-up

As well as a flexible installation angle and lens shift for off-centre positioning, the EB-Z9870U includes plenty of calibration options such as edge blending, test patterns, frame interpolation and Epson's Super Resolution feature.

Connectivity

The EB-Z9870U includes HDBaseT, which allows up to five connections in one. Optional Wi-Fi and an SDI input are also included for extra flexibility.

Short-throw capability

Great news for auditoriums and lecture theatres; a new and exclusive LU02 short throw lens allows this projector to be positioned closer to the screen.

KEY FEATURES

- **High-brightness**
  8,700 lumens and a WUXGA resolution
- **Flexible**
  Choose different installation angles
- **3LCD technology**
  For vivid colours and bright images
- **Connectivity**
  HDBaseT and optional Wi-Fi connectivity
- **Portrait projection**
  When landscape isn't suitable

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Source: Futuresource Consulting Ltd.

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PRODUCT SPECIFICATIONS

OPTICAL	
Lens Shift	Motorized - Vertical ± 60 %, horizontal ± 18 %
Projection Ratio	1.57 - 2.56:1
Zoom	Motorized, Factor: 1 - 1.61
Projection Size	60 inches - 500 inches
Projection Distance Wide	2 m - 17.2 m
Projection Distance Tele	3.3 m - 27.8 m
Projection Lens F Number	1.65 - 2.51
Focal Distance	36 mm - 57.5 mm
Focus	Motorized
Lens	Optical
TECHNOLOGY	
Projection System	3LCD Technology, RGB liquid crystal shutter
LCD Panel	1.03 inch with C2 Fine
IMAGE	
Colour Light Output	8,700 lumen-6,600 lumen (economy)
White Light Output	8,700 lumen - 6,600 lumen (economy)
Portrait Colour Light Output	7,500 lm
Portrait White Light Output	7,500 lm
Resolution	WUXGA, 1920 x 1200, 16:10
Contrast Ratio	15,000 : 1
Lamp	380 W, 2,500 h durability, 4,000 h durability (economy mode)
Lamp (portrait mode)	304 W, 1,000 Hours Durability
Keystone Correction	Manual vertical: ± 30 °, Manual horizontal ± 30 °
Aspect Ratio	16:10
CONNECTIVITY	
Interfaces	USB 1.1 Type A, USB 2.0 Type B (Service Only), RS-232C, WLAN, Wireless LAN IEEE 802.11b/g/n (optional), VGA in, VGA out, DVI in, HDMI in, Composite in, Component in, BNC in (6x), S-Video in, HDBaseT, HD-SDI
ADVANCED FEATURES	
Security	Kensington lock, Security cable hole
Video Colour Modes	Dynamic, Photo, Presentation, sRGB, Theatre, DICOM SIM
GENERAL	
Energy Use	948 W, 788 W (economy), 0.37 W (standby)
Product dimensions	741 x 534 x 197 mm (Width x Depth x Height)
Product weight	26 kg
Noise Level	Normal: 39 dB (A) - Economy: 35 dB (A)
Included Software	EasyMP Monitor, EasyMP Multi PC Projection, EasyMP Network Projection
Supply Voltage	AC 100 V - 240 V,50 Hz - 60 Hz
Temperature	Storage -10° C - 60° C
OTHER	
Warranty	36 months Carry in or 20,000 h, Lamp: 12 months or 1,000 h Optional warranty extension available

LOGISTICS INFORMATION

SKU	V11H611040
EAN code	8715946541310
Dimensions Single Carton	657 x 903 x 364 mm
Carton Weight	34 Kg
Country of Origin	China

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WHAT'S IN THE BOX

- Computer cable
- HDMI Cable Clamp
- Power cable
- Remote control incl. batteries
- User's Manual Set

OPTIONAL ACCESSORIES

- Lamp - ELPLP82 - EB-Z9xxx/Z1000xU/Z11xxx (x2)
  V13H010L82
- Lamp - ELPLP81 - EB-Z9xxx/Z1000xU/Z11xxx
  V13H010L81
- 3D Polarizer - ELPPL01 - G6xxx / 48/4950 / Z9/11xxx / Z1000xU
  V12H618A01
- Adapter - ELPAP07 Wireless LAN b/g/n
  V12H418P13
- Ceiling Mount - ELPMB25 Low EB-Z8xxx
  V12H003B25
- Ceiling Mount - ELPMB26 High EB-Z8xxx
  V12H003B26
- HDBaseT Transmitter - ELPHD01
  V12H547041
- Passive 3D Glasses for Child (x5) - ELPGS02B
  V12H541B10
- Quick Wireless Connect USB key - ELPAP09
  V12H005M09

OPTIONAL LENSES

- Lens - ELPLL07 - EB-Zxxx Long Throw
  V12H004L07
- Lens - ELPLM06 - EB-Zxxx Middle Throw1
  V12H004M06
- Lens - ELPLM07 - EB-Zxxx Middle Throw2
  V12H004M07
- Lens - ELPLR04 - EB-Zxxx Rear Wide
  V12H004R04
- Lens - ELPLW04 - EB-Zxxx Wide
  V12H004W04
- Lens - ELPLU02 - EB-Z9xxx/Z1000xU/Z11xxx ST Off Axis
  V12H004U02

1. Compared to leading 1-chip DLP business and education projectors based on NPD data, July 2011 through June 2012. Colour brightness (Colour Light Output) measured in accordance with IDMS 15.4. Colour brightness will vary depending on usage conditions. For more information please visit www.epson.eu/CLO

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